

B. Claims

The present Amendment has been prepared in accordance with a revised format established by the U.S. Patent and Trademark Office as set forth in the O.G. Notice 1267 Off. Gaz. Pat. Office 106 of February 25, 2003.

Please amend claim 1 as follows. In accordance with the revised amendment format, a complete listing of all the claims appears below; this listing replaces all earlier amendments and listings of the claims.

1. (Currently Amended) A liquid crystal device comprising:
an upper substrate and a lower substrate; and
nematic liquid crystal sandwiched between said upper and lower substrates;
wherein a direction of uniaxial orientation of liquid crystal molecules on rubbing alignment layers formed on upper and lower substrates is either parallel or anti-parallel; and

wherein a temperature change of a retardation value of said liquid crystal device due to a temperature change of Δn of the liquid crystal composition is reduced ~~only~~ by changing a pre-tilt angle of said liquid crystal ~~molecules~~ device so as to ~~compensate for a change in a birefringence of said nematic liquid crystal due to changes in temperature~~ change the orientation state of said liquid crystal molecules between said upper and lower substrates.

2. (Previously Amended) The liquid crystal device according to Claim 1, wherein the refractive index anisotropy of a liquid crystal composition having said nematic liquid crystal as the primary component thereof at 30°C is 0.150 or more, and the pre-tilt angle of liquid crystal molecules at 30°C at the substrate interface is from 10° to 45°.

3. (Previously Amended) The liquid crystal device according to Claim 1 or 2, wherein the orientation of said upper and lower substrates is provided by an organic oriented film having a vertical or high pre-tilt angle, providing uniaxiality.

4. (Cancelled)

5. (Previously Amended) The liquid crystal device according to Claim 1 or 2, wherein black is displayed by performing phase compensation.

6. (Previously Amended) The liquid crystal device according to Claim 1 or 2, using a normally-white mode wherein the high-voltage side of the driving voltage is used as black.

7. - 8. (Cancelled)

9. (Previously Amended) The liquid crystal device according to Claim 1, wherein said liquid crystal device is an electrically controlled birefringence type.

10. - 12. (Cancelled)

13. (Previously Amended) The liquid crystal device according to Claim 3, wherein black is displayed by performing phase compensation.

14. - 15. (Cancelled)

16. (Previously Amended) The liquid crystal device according to Claim 3, using a normally-white mode wherein the high-voltage side of the driving voltage is used as black.